

REMARKS

Status of the Claims

- Claims 1-24 are pending in the Application after entry of this amendment.
- Claims 1-24 are rejected by Examiner.

Claim Rejections Pursuant to 35 U.S.C. §103 (a)

Claims 1-3, 5-6, 10-18, 22 and 23 stand rejected pursuant to 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,187,786 to Densmore et al. in view of U.S. Patent No. 6,430,556 to Goldberg et al. Applicant respectfully traverses the rejection.

Concerning the above mentioned claims, the Examiner states in the present office action that Densmore et al. does not explicitly teach a level of indirection from application programming interfaces used by a class locator, the wrapper indirection level providing for different caches to be used for the selected elements. Applicant agrees with the Examiner on this point. However, the Applicant respectfully disagrees that Goldberg et al. is prior art to the present application.

The present application has a filing date of 3/11/1999. Goldberg et al. has a filing date of 11/1/1999. The present application was filed before the Goldberg application was filed. Therefore, Goldberg et al. cannot be prior art to the present application. Accordingly, a prima facie case of obviousness under 35 USC §103(a) cannot be established because all of the elements are not present in the cited prior art.

Applicant therefore respectfully traverses the current 35 U.S.C §103(a) rejection for the above stated reasons and submits that independent Claims 1, 5, 10, 15, 17, 22 and 23 and corresponding dependent Claims 2-4, 6-9, 11-14, 16, 19-21 and 24 are in a condition for allowance.

Claims 4, 7-9 and 19-21 also stand rejected pursuant to 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,187,786 to Densmore et al. in view of U.S. Patent No. 6,430,556 to Goldberg et al. and in further view of U.S. Publication No. US 2004/0133882 to Angel et al. Applicant respectively traverses the rejection.

As above, Applicant respectfully submits that Goldberg et al. is not prior art to the present application. Also, as stated above, Applicant agrees with the Examiner that Densmore

et al. does not explicitly teach a level of indirection from application programming interfaces used by a class locator, the wrapper indirection level providing for different caches to be used for the selected elements as recited in independent Claim 1. Applicant submits that Angel et al. does not cure the deficiency. Angel et al. does not disclose a wrapper to provide a level of indirection from application programming interfaces for class searches as provided in independent Claims 1, 5, and 17. Applicant notes that Claim 4 depends on independent Claim 1, Claims 7-9 depend on independent Claim 5, Claims 19-21 depend on independent Claim 17. Applicant respectfully submits that Claims 1, 5 and 17 patentably define over the cited prior art because all elements are not in the cited prior art. Therefore, the addition of Angel et al. to Densmore et al. does render obvious Claims 1, 5 and 17 or any of their dependent claims.

Claim 24 stands rejected pursuant to 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,187,786 to Densmore et al. in view of U.S. Patent No. 6,430,556 to Goldberg et al. and in further view of U.S. Patent No. 6,212,564 to Harter et al. Applicant respectively traverses the rejection.

As stated above, Goldberg et al. is not prior art to the present application. Additionally, Harter et al. does not disclose forwarding the search request to a wrapper providing a level of indirection to search the appropriate class path for the search request and independently satisfying the request in association with each element in the class path, wherein at least two of the elements have at least two separate caches of information sufficient to satisfy the request for the at least two elements, wherein changes to the element result in recreation of the cache as recited in independent Claim 23 upon which Claim 24 depends. Thus, a prima facie case of obviousness under 35 USC §103(a) cannot be made against Claim 24 because all of the elements are not in cited prior art.

Accordingly, the Examiner is respectfully requested to reconsider and withdraw all claim rejections under 35 U.S.C. §103(a) for Claims 1-24 for the present application.

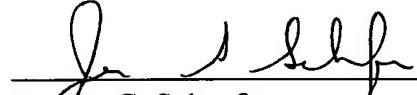
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PATENT

Conclusion

Applicant respectfully request reconsideration of the subject application in light of the remarks presented above. A Notice of Allowance for all pending claims is earnestly solicited.

Respectfully Submitted,



Jerome G. Schaefer
Registration No. 50,800

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Woodcock Washburn LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439